

ABSTRACT

According to one aspect, the invention concerns a method for measuring motion of a fetus or of a region of a fetus within an uterus in a time sequence of images, each image including said fetus or region thereof and at least a portion of the uterus, the uterus comprising a lumen, the method comprising, for one or more
5 images in the sequence (a) determining a first parameter indicative of movement of the fetus or region thereof; (b) determining a second parameter indicative of movement of at least a portion of the uterus; and (c).

According to another aspect, the invention concerns for measuring motion of
10 a fetus or of a region of a fetus within an uterus, the system comprising (a) an imaging device for obtaining a time sequence of images, each image including said fetus or region thereof and at least a portion of the uterus, the uterus comprising a lumen; (b) a processing utility for processing said time sequence of images so as to obtain at least one first parameter indicative of movement of the fetus or region
15 thereof and at least one second parameter indicative of movement of at least a portion of the uterus; and (c) a display utility for displaying said at least one first and said at least one second parameter.

According to yet other aspects, the invention concerns a computer program being readable by a computer for executing the method of the invention and a
20 machine-readable memory tangibly embodying a program of instructions executable by the machine for executing the method of the invention.